

ZNL-05-044

Chemical Properties

CAS No. :

Formula: C₂₁H₂₂Cl₂N₆O₅

Molecular Weight: 477.41

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	ZNL-05-044, a CDK11 inhibitor, exhibits IC ₅₀ values of 0.23 μM for CDK11A and 0.27 μM for CDK11B, as determined by NanoBRET assay. It induces G2/M cell cycle arrest and disrupts RNA splicing [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0946 mL	10.4732 mL	20.9464 mL
5 mM	0.4189 mL	2.0946 mL	4.1893 mL
10 mM	0.2095 mL	1.0473 mL	2.0946 mL
50 mM	0.0419 mL	0.2095 mL	0.4189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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